

5 What is Claimed is:

1. An indoor unit in an air conditioner comprising:

first and second heat exchangers respectively connected to one ends of first and second pipelines;

a connection pipe connecting the other ends of the first and second heat exchangers;

10 first means for selectively guiding the refrigerant introduced thereto through the first or second pipeline to be discharged through the second or the first pipeline after being passed through both, or either of the first and second heat exchangers; and

second means provided to the connection pipe so that the refrigerant transferred from one of the first and second heat exchanger to the other one of the first and second heat
15 exchanger is passed in an original state or in an expanded state.

2. The indoor unit as claimed in claim 1, wherein the first means includes;

a first flow path control valve provided to the connection pipe,

a bypass pipe connecting one of ports of the flow path control valve to one point of
20 the second pipeline, and

a second flow path control valve provided to the second pipeline at a position between one point of the second pipeline and the second heat exchanger.

3. The indoor unit as claimed in claim 2, wherein the flow path control valve is a
25 valve controlled to open or close a flow passage.

4. The indoor unit as claimed in claim 2, wherein the second means includes;

a third flow path control valve provided to the connection pipe between the first flow

5 path control valve and the second heat exchanger, and
capillary tubes connected to the connection pipe parallel to the third flow path control
valve.

5. The indoor unit as claimed in claim 4, wherein the flow path control valve is a
10 valve controlled to open or close a flow passage.

6. The indoor unit as claimed in claim 1, wherein the first means includes;
a first flow path control valve provided to the connection pipe,
a bypass pipe connecting one of ports of the flow path control valve and one point of
15 the first tube, and
a second flow path control valve provided to a first pipeline at a position between one
point of the first pipeline and the first heat exchanger.

7. The indoor unit as claimed in claim 6, wherein the flow path control valve is a
20 valve controlled to open or close a flow passage.

8. The indoor unit as claimed in claim 6, wherein the second means includes;
a third flow path control valve provided to the connection pipe between the first flow
path control valve and the second heat exchanger, and
25 a capillary tube connected to the connection pipe parallel to the third flow path
control valve.

9. The indoor unit as claimed in claim 8, wherein the flow path control valve is a

5 valve controlled to open or close a flow passage.

10. The indoor unit as claimed in claim 1, wherein the second means includes;
a third flow path control valve provided to the connection pipe, and
a capillary tube connected to the connection pipe parallel to the third flow path
10 control valve.

11. An air conditioner comprising:
an outdoor unit including a compressor, an outdoor heat exchanger, and an outdoor
expansion device connected with refrigerant pipe; and
15 an indoor unit including;
first and second heat exchangers respectively connected to one ends of first and
second pipelines each connected to the outdoor unit,
a connection pipe connecting the other ends of the first and second heat exchangers,
first means for selectively guiding the refrigerant introduced thereto through the first
20 or second pipeline to be discharged through the second or the first pipeline after being passed
through both, or either of the first and second heat exchangers, and
second means provided to the connection pipe so that the refrigerant transferred from
one of the first and second heat exchanger to the other one of the first and second heat
exchanger is passed in an original state or in an expanded state.

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12. The indoor unit as claimed in claim 11, wherein the first means includes;
a first flow path control valve provided to the connection pipe,
a bypass pipe connecting one of ports of the flow path control valve to one point of

5 the second pipeline, and

a second flow path control valve provided to the second pipeline at a position between one point of the second pipeline and the second heat exchanger.

10 13. The indoor unit as claimed in claim 12, wherein the flow path control valve is a valve controlled to open or close a flow passage.

14. The indoor unit as claimed in claim 12, wherein the second means includes;

a third flow path control valve provided to the connection pipe between the first flow path control valve and the second heat exchanger, and

15 a capillary tube connected to the connection pipe parallel to the third flow path control valve.

15. The indoor unit as claimed in claim 14, wherein the flow path control valve is a valve controlled to open or close a flow passage.

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16. The indoor unit as claimed in claim 11, wherein the first means includes;

a first flow path control valve provided to the connection pipe,

a bypass pipe connecting one of ports of the flow path control valve and one point of the first tube, and

25 a second flow path control valve provided to a first pipeline at a position between one point of the first pipeline and the first heat exchanger.

17. The indoor unit as claimed in claim 16, wherein the flow path control valve is a

5 valve controlled to open or close a flow passage.

18. The indoor unit as claimed in claim 16, wherein the second means includes;

a third flow path control valve provided to the connection pipe between the first flow path control valve and the second heat exchanger, and

10 a capillary tube connected to the connection pipe parallel to the third flow path control valve.

19. The indoor unit as claimed in claim 18, wherein the flow path control valve is a valve controlled to open or close a flow passage.

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20. The indoor unit as claimed in claim 11, wherein the second means includes;

a third flow path control valve provided to the connection pipe, and

a capillary tube connected to the connection pipe parallel to the third flow path control valve.

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